

KS3 Geography Trust Geography specification – 2022-23

Year 7

Topic One – Geographical Place and Space

- Define the term place and how this is represented on an OS map through 4 and 6-figure grid reference and key use.
- Describe how our cartographical (maps) projections have changed over time (i.e. Mercator projector etc)
- Explain how places can become spaces based on the protected characteristics such as age and gender.
- Explain the impact regeneration has had on a place and its associated space.
- Pupils to carry out fieldwork that focuses on risk assessment of locations under study.
- Describe the air masses affecting the UK.
- Describe the physical geography of the UK and how this affects our weather.
- Describe the importance of Birmingham and its geographical location.
- Explain how Birmingham is attempting to regenerate itself.
- Evaluate whether Birmingham is becoming more sustainable.

Topic Two – Africa

- Describe the climatic characteristics of at least one African country and explain the reasons for these characteristics.
- Explore the range of misconceptions that are shared about Africa/ or about a region of Africa linked to media-place analysis.
- Understand how social developmental factors (Birth rate, Death Rate, IMR) and economic factors (GDP, PPP) can be used to help us understand the developmental status of a country (LIDC/ EDC/ AC).
- Explore whether Rostow's model can help determine the country's path of economic development and evaluate the next steps that it might need to take to reach the next level.

Topic Three – Changing Global Populations

- Overview of population trends, using population pyramids, for example, to determine a country's position on the Demographic Transition Model.
- Explain the impact of Pro-Natalist Policies on a country's population.
- Explain the impact Pro-natalist Policies might have on a country's position on the DTM.
- Evaluate the impact of birth control policies and the impact this has on the DTM.

Topic Four – The Global Climate Crisis

- Outline the causes of natural climate change including the theories of sunspots, volcanic eruptions, and Milankovitch cycles.
- Explain the social, economic, and environmental impacts of climate change on a country/ region under study.
- Explain the social, economic, and environmental impacts of climate change on the UK
- Define the term 'globalisation' and its relevance in today's society.
- Describe how globalisation is indirectly contributing towards climate change and the social and economic impact this is having, with reference to food security.
- Explore how the Sustainable Development Goals are being used to help drive development through improvements in health, education, and the environment.

Year 8

Topic One – Watery World

- Describe and explain how the Hydrological and Carbon cycles operate with an emphasis on terms such as evaporation, condensation, evapotranspiration, and 'stores.'
- Explain the impact humans are having on the hydrological cycle.
- Explain how the Bradshaw Model helps us to understand how rivers operate, focusing on depth, width, velocity, and sediment size.
- Understand the formation of a minimum of 2 river landforms with reference to geomorphic processes.
- Discuss how climate change is influencing, and impacting, the hydrological and carbon cycles.

Topic Two – The Middle East

- Explore whether Rostow's model can help determine the country's path of economic development and evaluate next steps that it might need to take to reach the next level with reference to at least 1 Middle Eastern country.
- Overview of population trends, using population pyramids for example, to determine a country's position on the Demographic Transition Model.
- Understand how social developmental factors (Birth rate, Death Rate, IMR) and economic factors (GDP, PPP) can be used to help us understand the developmental status of a country (LIDC/ EDC/ AC).
- Explain how flora have adapted to live in at least 2 biomes in the Middle East.
- Outline the distribution of biomes within the Middle East and explain how this is linked to the GCS.
- Evaluate whether OPEC countries are sustainable with reference to the movement away from natural resource extraction (oil).

Topic Three – Natural Resources

- Describe how the rock cycle works.
- Explain the alternatives available against non-renewable resources and evaluate their positives and negatives. One must include solar energy.
- Explain why soils are considered to be the root of life and the impact humans are having on soil quality.

Year 9

Topic One – Our Unpredictable Planet

- The structure of the Earth and how it is linked to the processes of plate tectonics including convection currents
- The processes that take place at constructive, destructive, conservative and collision plate boundaries.
- How the movement of tectonic plates causes earthquakes, including shallow and deep focus
- Explain how the Park Model allows us to understand how a country can mitigate against the impacts of a natural hazard.
- Two case studies of a tectonic event that has been hazardous for people, including specific causes, consequences of, and responses to the event in relation to whether these events fit the Park Model.
- Outline the causes of the extreme weather conditions associated with tropical storms.
- One case study of a metrological event (such as Typhoon Haiyan) that has been hazardous for people, including specific causes, consequences of, and responses to the event in relation to whether these events fit the Park Model.
- Explain whether living within a single hazardous, or multiple hazardous environments affects development.

Topic Two – The Americas

- Describe the physical distribution of biomes within the America's and explain the reasons behind the location of at least 1 biome.
- Explain how flora have adapted to live in at least 2 biomes in the America's.
- Explain the impact human activity has had on at least 2 biomes within the America's.
- Explain the impact climate change is having on the America's.
- Evaluate the role, and impact, of migration on at least 2 countries within the Americas (i.e.: Mexico>America).

Topic Three – Contemporary Global Issues

(Threshold concepts – Topics identified must be linked to sustainability over time and how it influences development within that country. Reference to Rostow Model must be implicit within content).